

California Department of Conservation  
FARMLAND MAPPING AND MONITORING PROGRAM

**SOIL CANDIDATE LISTING**

**for**

**PRIME FARMLAND AND FARMLAND OF STATEWIDE IMPORTANCE**

**MODOC COUNTY**

U.S. Department of Agriculture, Natural Resources Conservation Service, soil surveys for Modoc County include:

Soil Survey of Modoc County, California, Alturas Area, August 1980

Soil Survey, Surprise Valley-Home Camp Area California-Nevada, April 1974

Soil Survey, Butte Valley-Tule Lake Area, Parts of Siskiyou and Modoc Counties, February 1994

**MODOC COUNTY  
PRIME FARMLAND SOILS**

U.S. DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE  
DAVIS, CALIFORNIA 95616

THESE SOIL MAPPING UNITS MEET THE CRITERIA FOR PRIME FARMLAND AS OUTLINED IN THE U.S. DEPARTMENT OF AGRICULTURE'S LAND INVENTORY AND MONITORING (LIM) PROJECT FOR THE ALTURAS AREA, SURPRISE VALLEY-HOME CAMP AREA, AND BUTTE VALLEY-TULE LAKE AREA SOIL SURVEYS.

ALTURAS AREA

<u>Symbol</u>	<u>Name</u>
112*	Buntingville clay loam, 0 to 2 percent slopes
113*	Buntingville clay loam, 2 to 9 percent slopes
114	Calimus loam, 0 to 2 percent slopes
115	Calimus loam, 2 to 9 percent slopes
116	Calimus gravelly loam, 2 to 5 percent slopes
117	Calimus clay loam, 0 to 2 percent slopes
133	Donica gravelly clay loam, 2 to 9 percent slopes
134	Drews loam, 0 to 5 percent slopes
135	Drews gravelly loam, 0 to 9 percent slopes
137	Drews clay loam, 2 to 5 percent slopes
144	Jenny silty clay loam, overwash, 0 to 5 percent slopes
145	Jenny silty clay, 0 to 5 percent slopes
150	Ladd sandy loam, 0 to 2 percent slopes
151	Ladd sandy loam, 2 to 9 percent slopes

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\* This unit is Prime Farmland if protected from flooding.

ALTURAS AREA continued

<u>Symbol</u>	<u>Name</u>
152	Lakeview loam, 0 to 2 percent slopes
153	Lakeview clay loam, 2 to 5 percent slopes
173 <sup>#</sup>	Pasquetti silty clay loam, partially drained
174	Pasquetti silty clay loam, drained
196	Tulana mucky loam, drained

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<sup>#</sup> This unit is Prime Farmland if the water table is maintained at a depth of 40 inches or more during the growing season.

DFR Revised RLW 12/31/80

SURPRISE VALLEY-HOME CAMP AREA, CALIFORNIA-NEVADA

<u>Symbol</u>	<u>Name</u>
BeA	Bidwell loam, 0 to 2 percent slopes
BeB	Bidwell loam, 2 to 5 percent slopes
BuA	Buntingville loam, 0 to 2 percent slopes
BuB	Buntingville loam, 2 to 5 percent slopes
DC	Disabel silty clay loam
HrA	Hussa loam, drained, 0 to 2 percent slopes
HrB	Hussa loam, drained, 2 to 5 percent slopes
HuA	Hussa loam, clay substratum, drained, 0 to 2 percent slopes
JcA	Jesse Camp fine sandy loam, 0 to 2 percent slopes
JcB	Jesse Camp fine sandy loam, 2 to 5 percent slopes

SURPRISE VALLEY-HOME CAMP AREA, CALIFORNIA-NEVADA continued

<u>Symbol</u>	<u>Name</u>
NdA	Nevador loamy fine sand, 0 to 2 percent slopes
NdB	Nevador loamy fine sand, 2 to 5 percent slopes
NeA	Nevador fine sandy loam, 0 to 2 percent slopes
NeB	Nevador fine sandy loam, 2 to 5 percent slopes
SdB	Simpson sandy loam, 2 to 5 percent slopes
SmA	Simpson loam, 0 to 2 percent slopes
SrA	Surprise gravelly sandy loam, 0 to 2 percent slopes
SrB	Surprise gravelly sandy loam, 2 to 5 percent slopes
SrC	Surprise gravelly sandy loam, 5 to 15 percent slopes

JPR 9/17/80

BUTTE VALLEY-TULE LAKE AREA

<u>Symbol</u>	<u>Name</u>
102*	Capjac silt loam, 0 to 1 percent slopes
103*	Capjac silt loam, ponded, 0 to 1 percent slopes
106	Dehill fine sandy loam, 0 to 5 percent slopes
111	Dotta sandy loam, 0 to 5 percent slopes
117	Eastable loam, 0 to 5 percent slopes
118	Eastable-Hedox complex, 2 to 9 percent slopes
119*	Esro loam, 0 to 2 percent slopes
120*	Esro loam, drained, 0 to 2 percent slopes

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\* Prime Farmland if drained.

BUTTE VALLEY-TULE LAKE AREA continued

<u>Symbol</u>	<u>Name</u>
122	Fordney loamy fine sand, 0 to 2 percent slopes
124*	Fordney loamy fine sand, slightly wet, 0 to 2 percent slopes
140*	Lamath silt loam, 0 to 1 percent slopes
141	Leavers sandy loam, 0 to 2 percent slopes
142	Leavers sandy loam, drained, 0 to 5 percent slopes
148	Medford silty clay loam, 0 to 2 percent slopes
154	Munnell gravelly loam, 0 to 5 percent slopes
155	Munnell gravelly loam, slightly wet, 0 to 2 percent slopes
159	Pit silty clay, 0 to 2 percent slopes
181	Truax fine sandy loam, 0 to 5 percent slopes
183*	Tulana silt loam, 0 to 1 percent slopes
185*	Tulebasin mucky silty clay loam
186	Zanbur sandy loam, 0 to 2 percent slopes

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\* Prime Farmland if drained.

February 1994

retyped: 7/17/95

**MODOC COUNTY  
FARMLAND OF STATEWIDE  
IMPORTANCE SOILS**

U.S. DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE  
DAVIS, CALIFORNIA 95616

THESE SOIL MAPPING UNITS MEET THE CRITERIA FOR FARMLAND OF STATEWIDE IMPORTANCE AS OUTLINED IN THE U.S. DEPARTMENT OF AGRICULTURE'S LAND INVENTORY AND MONITORING (LIM) PROJECT FOR THE ALTURAS AREA, SURPRISE VALLEY-HOME CAMP AREA, AND BUTTE VALLEY-TULE LAKE AREA SOIL SURVEYS.

ALTURAS AREA

<u>Symbol</u>	<u>Name</u>
100	Ager clay, 2 to 15 percent slopes
103	Alturas loam
106	Barnard gravelly loam, 0 to 9 percent slopes
119	Daphnedale loam, 2 to 9 percent slopes
138*	Drews clay loam, wet, 0 to 2 percent slopes
148	Kinkel loam, 2 to 15 percent slopes
162	Lovejoy silt loam, 0 to 5 percent slopes
163	Lovejoy-Reba complex, 0 to 5 percent slopes
168	Modoc sandy loam, 0 to 9 percent slopes
169	Modoc gravelly loam, 0 to 9 percent slopes
176*	Pit silty clay loam, 0 to 2 percent slopes
177*	Pit clay, 2 to 5 percent slopes
182	Reba loam, 0 to 5 percent slopes

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\* This unit is Farmland of Statewide Importance if protected from flooding.

ALTURAS AREA continued

<u>Symbol</u>	<u>Name</u>
185	Rumbo loam, 0 to 2 percent slopes
186	Rumbo loam, 2 to 5 percent slopes, eroded
187	Salisbury very fine sandy loam, 0 to 9 percent slopes
188	Salisbury gravelly loam, 0 to 9 percent slopes
195*	Tulana muck loam, partially drained

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\* This unit is Farmland of Statewide Importance if protected from flooding.

RLW 12/31/80

SURPRISE VALLEY-HOME CAMP AREA, CALIFORNIA-NEVADA

<u>Symbol</u>	<u>Name</u>
Bc	Bicondoa clay
Cu	Cummings silty clay loam
Cw	Cummings muck, clay subsoil variant, drained
DE	Disabel-Jesse Camp association, overwash
Fo	Four Star loam
Fr	Four Star loam, cold
Ft	Four Star loam, clay substratum
Hn	Hovey silty clay loam
Ho	Hovey silty clay loam, cold
HsA	Hussa loam, slightly saline-alkali, 0 to 2 percent slopes
HvA	Hussa clay loam, 0 to 2 percent slopes

SURPRISE VALLEY-HOME CAMP AREA, CALIFORNIA-NEVADA continued

<u>Symbol</u>	<u>Name</u>
HwA	Hussa clay loam, clay substratum, 0 to 2 percent slopes
H <sub>z</sub>	Hussa-Couch complex
SGC	Simpson gravelly sandy loam, 5 to 15 percent slopes

JPR 9/17/80

BUTTE VALLEY-TULE LAKE AREA

<u>Symbol</u>	<u>Name</u>
123 <sup>*</sup>	Fordney loamy fine sand, 5 to 15 percent slopes
136 <sup>*</sup>	Laki fine sandy loam, 0 to 2 percent slopes
180 <sup>*</sup>	Teeters silt loam, 0 to 1 percent slopes

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\* Only irrigated areas are Farmland of Statewide Importance.

ENV 1/27/95

retyped: 7/17/95